

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/052533A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A47J43/07 A47J43/046

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A47J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 340 124 B1 (CHARLES PATRICK ET AL) 22 January 2002 (2002-01-22) cited in the application column 12, line 17 – column 13, line 54; figures 6a-6h -----	1
A	EP 0 127 050 A (GEKA-WERK REINHOLD KLEIN KG) 5 December 1984 (1984-12-05) page 3, line 29 – page 4, line 27 page 6, line 28 – page 9, line 17; figures 1,2 -----	1
A	WO 03/017814 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 6 March 2003 (2003-03-06) page 5, line 5 – page 7, line 2 page 8, line 5 – line 22; figure 1 -----	1

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

23 February 2005

03/03/2005

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lehe, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/052533

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6340124	B1	22-01-2002		FR 2769198 A1 FR 2769200 A1 AT 245000 T AU 737137 B2 AU 9445498 A BR 9812706 A CA 2306403 A1 CN 1132548 C DE 69816459 D1 DE 69816459 T2 EP 1018918 A1 WO 9917647 A1 HK 1033082 A1 HU 0004662 A2 PL 339626 A1 TR 200000891 T2		09-04-1999 09-04-1999 15-08-2003 09-08-2001 27-04-1999 22-08-2000 15-04-1999 31-12-2003 21-08-2003 06-05-2004 19-07-2000 15-04-1999 21-05-2004 28-04-2001 02-01-2001 21-11-2000
EP 0127050	A	05-12-1984		DE 3319513 A1 DE 3335139 A1 EP 0127050 A2 JP 60005113 A CS 8406031 A2 DD 218555 A5 ES 8600041 A1 PL 249389 A1 YU 162884 A1		29-11-1984 11-04-1985 05-12-1984 11-01-1985 16-07-1985 13-02-1985 01-01-1986 09-04-1985 31-12-1986
WO 03017814	A	06-03-2003		EP 1420676 A1 WO 03017814 A1 JP 2005500113 T US 2003037685 A1		26-05-2004 06-03-2003 06-01-2005 27-02-2003